SAPC-~~1619~~ *1776* ✓
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MEMORANDUM FOR THE RECORD   7 September 1955

SUBJECT: Items Concerning Photographic Equipment and Processing

1. A viewer, preferably stereoscopic, will be required for field use at each overseas base. It would be desirable if the viewer could perform partial rectification of charting camera film. Possibly a high magnification viewer will be built for use in Washington and a somewhat lower magnification and simpler device for field use. Rectification equipment for the B Configuration is required for installation in the CIU in Washington. There will be no such unit at Rochester. If it turns out to be feasible and desirable to develop a machine which would automatically rectify charting camera film in the process of printing it, such a unit would be installed at Rochester and rectification carried out as a line production operation.

25X1A

2. A field developing and printing unit together with viewer is required as soon as possible for use [   ] since training in the prompt processing and analysis of charting camera film is a part of a complete course of unit training.

3. It is anticipated that transparencies and prints for use of photo-interpreters will be produced in the CIU from the first generation dupe negatives and positives to be finished by Eastman. Thus the minicard system will serve as a memory and index system but the basic storage of pictures will be in the form of dupe transparencies. If it is decided to use five to one minicards as the receptacle for storing photographis, equipment must be available which will readily produce (a) prints on a 1 to 1 scale (or larger scale if desired) and (b) mosaics covering at least as much area as one of the original frames, that is, many times the area covered by the negative on one mosaic. Photo-interpreters must be able to work with transparencies and prints rather than through a viewer and with single prints (or mosaics) covering areas of convenient size.

RMB:djm
1 - RMB
2 - RMB Chrono
3 - [   ]   25X1A
4 - Project Chrono
5 - Project Reading

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